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Multiple-Passenger Transporter

Abstract

A transporter for transporting a first person and one or more riders over a surface.

5 The transporter includes a first support platform for supporting the first person, the first support platform having left and right sides and defining a fore-aft vertical plane and a lateral plane. At least one ground-contacting element is coupled to the first support platform such that the first support platform is capable of tilting in the fore-aft plane about a tilt axis. The at least one ground-contacting element is driven by a motorized

10 drive arrangement so as to cause locomotion of the transporter. A controller commands the motorized drive arrangement. The controller is configured so that at least one of fore and aft sustained motion of the transporter is based at least on fore-aft tilting of the first support platform. One or more passenger platforms support one or more riders, the passenger platforms coupled to the first support platform such that fore-aft tilting of the

15 first support platform is substantially independent of the one or more passenger platforms.